

80543

8/051/60/008/06/004, C24

E201/E691

A Spectroscopic Investigation of the State of Gas Behind a Shock Wave. III.

from  $\sim 2000^{\circ}\text{K}$  at  $U_g \sim 1.75 \text{ km/sec}$  to  $>4500^{\circ}\text{K}$  at  $U_g \sim 4.5 \text{ km/sec}$ ; for nitrogen (Fig 7) the temperatures were  $\sim 2000^{\circ}\text{K}$  at  $U_g \sim 2 \text{ km/sec}$  and  $\sim 4000^{\circ}\text{K}$  at  $U_g \sim 3 \text{ km/sec}$ . These experiments were repeated with argon but here the agreement between experiment and theory was much poorer (Fig 9); the reasons for this discrepancy are discussed. Acknowledgments are made to A.V. Potapov and S.S. Semenov for their advice and to Ye.I. Antropov and A.A. Sapronov for their help in making the apparatus. There are 9 Figures and 10 references, 6 of which are Soviet, 3 English and 1 translation from English into Russian.

SUBMITTED: September 28, 1959

Card 2/2

X

S/051/61/011/005/002/018  
E202/E192

AUTHORS: Fayzullov, F.S., and Sobolev, N.N.  
TITLE: Determination of the effective cross-section for the collision of the excited barium ions with argon atoms  
PERIODICAL: Optika i spektroskopiya, v.11, no.5, 1961, 571-576  
TEXT: After discussing briefly the inherent difficulties in measuring the cross-section of the non-elastic secondary collision for systems with low relative velocities, i.e. in the partly adiabatic region, and rejecting methods based on the use of the monoenergetic beams and the resonance attenuation, the authors offer their method which was partly described in their previous paper (Ref. 2; F.S. Fayzullov, N.N. Sobolev, Ye.M. Kudryavtsev, Opt. i spektr. v.8, 761, 1960). This method is based on the following observation: When a shock wave is propagated through argon and the composition of the latter is studied, the temperature of the excitation of Ba ion at pressures of  $p_2 \approx 0.4$  and 4 atm is found to be lower by 1000 and 400 °K respectively, than the calculated equilibrium temperature based on the conservation of energy considerations. With the increasing

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Determination of the effective ...

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pressure this difference decreases, until at  $p_2 \approx 12$  atm both temperatures coincide. This lowering of the measured temperature is not observed in the case of air or nitrogen, but is easily observed when argon atoms collide with barium ions. This effect is attributed to the low effective collision cross-section of the A atoms with Ba ions and is used to evaluate the effective cross-section of the second kind. The value given by the authors is approximately  $4 \times 10^{-17} \text{ cm}^2$ , which shows that the second kind collision cross-section is by two orders smaller than the gaso-kinetic cross-section. The authors intend to check further the accuracy of this method on systems where cross-section value could be found by alternative methods. There are 1 table and 10 references: 3 Soviet-bloc, 3 Russian translations from non-Soviet publications and 4 non-Soviet-bloc. The English language references read as follows:

Ref. 4: C.W. Allen, Astrophysical Quantities, London, 1955.

Ref. 7: L.O. Olsen, Phys. Rev. v.60, 739, 1941.

Ref. 9: J.G. Clouston, A.G. Gaydon, I.R. Hurne,

Proc. Roy. Soc., A252, 143, 1959.

Ref. 10: J.R. Bates (private information).

Card 2/2 SUBMITTED: December 26, 1960

✓

FAYZULLOV, F.S.

Pyrometric study of the state of air, nitrogen, and argon  
behind a shock wave. Trudy Fiz.inst. 18:105-158 '62.

(MIRA 15:12)

(Pyrometry) (Shock waves) (Gas dynamics)

KUDRYAVTSEV, Ye. M.; SOBOLEV, N.N.; TUNITSKIY, L.N.; FAYZULLOV, F.S.

Pyrometric study of the state of a gas behind a reflected  
shock wave. Trudy Fiz.inst. 18:159-200 '62. (MIRA 15:12)  
(Pyrometry) (Shock waves) (Gas dynamics)

S/051/63/014/003/005/019  
E039/E120

AUTHORS: Krindach, N.I., Kudryavtsev, Ye.M., Sobolev, N.N.,  
Tunitskiy, L.N., and Fayzullov, F.S.

TITLE: Determination of the electronic transition moments of  
the Schumann-Runge band system in oxygen. I.

PERIODICAL: Optika i spektroskopiya, v.14, no.3, 1963, 351-361

TEXT: A method is developed for determining the square of  
matrix elements for electron transitions of molecules based on a  
measurement of the absorption in gases behind shock waves. The  
Schumann-Runge absorption bands for oxygen are obtained on a shock  
tube using helium as a working gas and equipped with apparatus for  
measuring temperature by the usual method of rotation of spectral  
lines; in this case by observing the resonance line of  
Ba II ( $\lambda = 4554 \text{ \AA}$ ). An ionization probe is used for measuring the  
velocity of the front of the incident shock waves. The pulsed  
light source and the synchronizing circuit are described in  
detail. Spectra are recorded on  $\Delta\Phi C-13$  (DFS-13) and KC-55  
(KS-55) spectrographs with glass and with quartz optics. By  
plotting the absorption index against wave number  $\nu$  for the

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Determination of the electronic ... S/051/63/014/003/005/019  
E039/E120

groups  $R(K)P(K - 4)$  and measuring the area under the curve, a value for the integral of the absorption index is obtained for lines of R and P form, from which is calculated the square of the moment for electronic transitions  $|R_e|^{n m}|^2$ . The value of this integral obtained graphically agrees with the calculated value. These results and the analysis of possible errors will be examined in a later paper.  
There are 10 figures.

SUBMITTED: May 18, 1962

Card 2/2

L 16301-65 FWT(1) IJP(c)

ACCESSION NR: AR5012225

UR/0058/65/000/003/D013/D013

SOURCE: Ref. zh. Fizika, Abs. 3D81

AUTHOR: Sobolev, N.N.; Antropov, Ye.V.; Slobodin, Ye.P.; Orlov, A. P.; Krindach, M.I.; Kudryavtseva, Ye.A.L.; Pechanov, A.M.; Sviridov, A.G.; Smirnov, L.M.; Fayzullayev, T.S.; Chernasikov, V. P.

TITLE: Experimental determination of electronic oscillator strengths of diatomic molecules 2)

CITED SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 64-81

TOPIC TAGS: oscillator strength, electron oscillator, diatomic molecule, shock wave, oxygen, nitric oxide, cyan, electronic spectrum

TRANSLATION: To determine the oscillator strengths of electronic transitions of diatomic molecules, an experimental method was developed, based on the measurement of the absorption of gas behind a shock wave reflected from the end of a shock tube. By varying the velocity of the incident shock wave and by calculating the state of the gas behind the shock wave, it is possible to determine the temperature and the concentration that the molecules behind the reflected

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L 46301-65

ACCESSION NR: AR5012225

shock wave must have to permit determination of the oscillator strengths from the measured absorption. The theoretically obtained temperature was monitored by two experimental methods. A method was also developed for determining the oscillator strengths from the study of the gas behind the shock wave; these strengths were determined for the Schumann-Runge bands of oxygen, the beta and gamma systems of nitric oxide, the violet band system of CN, and the O<sub>2</sub> Swan bands.

SUB CODE: W, M      ENCL: 00

cont 2/2

ACC NR: AP6031953

SOURCE CODE: UR/0051/66/021/003/0267/0271

4/3

AUTHOR: Dronov, A. P.; Fayzullov, F. S.; Sobolev, N. N.

ORG: none

TITLE: Determination of the electron transfer energy of the first positive band system of nitrogen. I.

SOURCE: Optika i spektroskopiya, v. 21, no. 3, 1966, 267-274

TOPIC TAGS: molecule energy level, nitrogen energy level, molecule band, nitrogen band, electron transfer energy, molecule energy transfer, EXCITED ELECTRON STATE, SHOCK WAVE, BAND SPECTRUM, ELECTRON ENERGY

ABSTRACT: The electron transfer from the first positive band system of the nitrogen molecule, which occurs between the second  $B^3N_g$  and first  $A^3\Sigma_u^+$  excited electron states, was experimentally investigated on an installation based on the measurement of the intensity of radiative emission behind a shock wave. The installation consisted of a specially adapted shock tube, an ISP-51 spectrograph, a three-stage electron-optical converter for photographically recording the spectrum, and a 4-channel DFS-33 diffraction spectrometer for recording the spectrum intensity. The (1, 0) band ( $\lambda = 8912.3 \text{ \AA}$ ) of the positive system of  $N_2$  was photographically recorded and the absolute intensity of the rotation lines belonging to this band was measured by the installation. The article, which is the first part of a larger work, discusses at length the measuring installation, describing its components and characteristics. The

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UDC: 539.194

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ACC NR: AP/000024

SOURCE CODE: UR/0051/66/021/005/0539/0545

AUTHOR: Dronov, A. P.; Sobolev, N. N.; Fayzullov, F. S.

ORG: none

TITLE: Determination of the strength of the electron transition of the first positive system of nitrogen bands. II

SOURCE: Optika i spektroskopiya, v. 21, no. 5, 1966, 538-545

TOPIC TAGS: nitrogen, band spectrum, electron transition, shock wave reflection, radiation intensity, oscillator strength

ABSTRACT: The apparatus described in the first part of the paper (Opt. i spektr. v. 21, 267, 1966) is used to measure the absolute intensity of the group of rotational lines at  $\lambda$  8819.4 Å of the (1, 0) band of the first positive system of nitrogen heated by a reflected shock wave. The test procedure is described in detail. The primary data obtained in each experiment for the initial nitrogen pressure (10 mm Hg), the velocity of the incident shock wave, oscilloscopes of the radiation intensity, and oscilloscopes of the radiation intensity of the standard lamp used for calibration, are given. The procedure for determining the strength of the electronic transition and the oscillator strength from the integral radiation intensity is described, and the measured absolute intensities are used to obtain numerical values for the electron transition strength ( $0.089 \pm 0.026$  atomic units) and the oscillator strength ( $0.0028 \pm 0.00098$ ). The registered spectra show convincingly that the second com-

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UDC: 539.194

ACC NR: AP7000024

ponent of radiation in this region is the red band system of the CN present in the shock tube in the form of impurity to the nitrogen. Tables are presented of the intensity factors of the rotational lines. The identification of the second component is due to the use of an electrooptical converter for registering the spectrum. The authors thank A. G. Sviridov for useful advice, P. P. Lazarev for solving the gas-dynamic problem, V. A. Boyko and M. N. Glasko for help with the work, M. I. Pergament for consultation, and M. M. Butslov and co-workers for supplying the electrooptical converter. Orig. art. has: 4 figures, 2 formulas, and 2 tables.

SUB CODE: 20/ SUEM DATE: 05Apr65/ ORIG REF: 003/ OTH REF: 012

Card 2/2

ALL NR. AP7002419

SOURCE CODE: UR/0051/66/021/006/0727/0734

AUTHOR: Dronov, A. P.; Sobolev, N. N.; Fayzullov, F. S.; Boyko, V. A.

ORG: none

TITLE: Determination of the intensity of electron transition in the red cyanogen band system

SOURCE: Optika i spektroskopiya, v. 21, no. 6, 1966, 727-734

TOPIC TAGS: electron transition, cyanogen, electron transition intensity, cyanogen red band, cyanogen spectrum

ABSTRACT: The CN spectrum beyond the front of a reflected shock wave in 50% Co + 50% N<sub>2</sub> was photographed in the near-infrared region of the spectrum using an electron optical converter with an oxygen-cesium cathode. The absolute intensity of emission of the (1, 0) CN band was measured using a DFS-33 spectrometer with an oxygen-cesium photomultiplier. The intensity of electron transition S<sub>e</sub><sup>nm</sup> = 0.11 at. units of the red CN (cyanogen) band system was determined from measurements of absolute intensity. Orig. art. has: 7 figures and 2 tables.  
[Translation of authors' abstract]

[SP]

CARD 1/1 SUB CODE: 20/SUBM DATE: 23 Apr 65/ORIG REF: 007/OTH REF: 011/  
UDC: 535.33:539.194

FAYZULLINA, T.Kh., assistant kafedry botaniki.

Some problems in the biology of the development of foxtail millet  
preliminary report. Uch.sap.Bash.gos.ped.inst. no.4:186-196 '55.  
(Millet) (Growth (Plants)) (MIRA 9!9)

FAYZULOV, F. S.

95

S/089/62/013/006/019/027  
S102/S106

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo  
instituta (Scientific Conference of the Moscow Engineering  
Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fivevskiy, deceleration of medium-energy antiprotons in matter; Yu. N. Kogan, Ya. A. Iosilevskiy, theory of the MSeabauer effect; M. I. Ryazanov, theory of ionization losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Buhdss, h-f conductivity of subcritical plasma;

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36

S/089/62/013/006/019/027  
B102/B186

Nauchnaya konferentsiya...

Ye. Ye. Lovetskiy, A. A. Rukhadze, electromagnetic waves in nonhomogeneous plasma; Yu. D. Kotov, I. L. Rosental', the origin of fast cosmic muons; Yu. M. Ivanov, muon depolarization in solids; V. G. Varlamov, Yu. M. Grashin, B. A. Dolgoshein, V. G. Kirillov-Ugryumov, V. S. Roganov, A. V. Samoylov,  $\mu^-$  capture by various nuclei; V. S. Demidov, V. G. Kirillov-Ugryumov, A. K. Ponosov, V. P. Protasov, Y. M. Sergeyev, scattering of  $\pi^-$  mesons at 5 - 15 Mev in a propane bubble chamber; S. Ya. Nikitin, M. S. Aynutdinov, Ya. M. Selektor, S. M. Zozabkovskiy, A. F. Grashin, muon production in  $\pi^-p$  interactions; B. A. Dolgoshein, spark chambers; N. G. Volkov, V. K. Lyapidevskiy, I. M. Obodovskiy, study of operation of a convection chamber; K. G. Finogenov, production of square voltage pulses of high amplitudes; G. M. Aleksakov, problems of color vision; V. K. Lyapidevskiy, relation between number of receivers and number of independent colors; Ye. M. Kudryavtsev, N. N. Sobolev, N. I. Tisengausen, L. N. Tunitskiy, F. S. Faysulov, determination of the moment of electron transition of oscillating forces and the widths of the Schumann-Runge bands of molecular oxygen; B. Ye. Gavrilov, A. V. Zharkov, V. I. Rayko, decomposition of the volume charge of intense ion beams; Ye. A. Kramer-Ageyev, V. S. Troshin, measurement of neutron spectra; G. G. Doreshenko, new methods of fast-neutron recording; V. I. Ivanev, dosimetry terminology; R. M. Voronkov.

Card 3/4

L 21411-66 EWP(m)/EWP(w)/EWP(v)/T/EWP(k)/ETC(m)-6 \*\*\*/EN/DJ

ACC NR: AP6009927

SOURCE CODE: UR/0413/66/000/004/0119/0120

INVENTOR: Arinushkin, L. S.; Abramovich, R. B.; Vaynbaum, I. F.; Dunov, V. I.;  
Mikhaylov, Yu. N.; Fedorov, V. A.; Fayzutdinov, N. Z.; Yanyshin, V. V.

ORG: none

TITLE: Aviation turbogenerator. Class 46, No. 179131

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966,  
119-120

TOPIC TAGS: turbogenerator, gas turbine

ABSTRACT: The proposed turbogenerator contains a gas turbine, an electric generator,

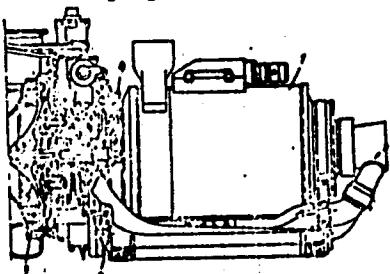


Fig. 1. Turbogenerator

1 - Electrogenerator; 2 - oil heat  
exchanger; 3 - fan; 4 - auxiliary fan;  
5 - turbine disk.

UDC: 621.313.322-81:629.13

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ACC NR: AP6009927

1 a speed regulator for the rotor, an oil system to lubricate and cool the rotor bearings, as well as an air cooling system with a centrifugal fan. To increase the service life of the turbogenerator, the oil system contains a heat exchanger through which cooling air is blown by an auxiliary centrifugal fan mounted on the turbine shaft. In variation of this turbogenerator, the air-cooling fan blades are located on the rear side of the turbine disk. The disk and blades are made in one piece (see Fig. 1). Orig. art. has: 1 figure. [TM]

SUB CODE: 21/ SUBM DATE: 27Aug63/ ATD PRESS: 4221

Card 2/2 ULR

FAZAKAS, A.

Proposals for a more just wage system for basic handicraftsmen in the cement industry.

p. 2 (Constructorul) Vol. 9, no. 371, Feb. 1957, Bucuresti, Rumania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

FAZAKAS, Balazs, dr.

Modification of angles characteristic of tools in the course of cutting. Gepgyartastechn 2 no.7:241-248 J1 '62.

1. Telefongyar.

FAZAKAS, Balazs, dr.

Up-to-date technological activity within the factory. Gepgyartastechn 4 no. 1:34-36 Ja '64.

1. Technical University of Heavy Industry, Miskolc.

FAZAKAS, Balazs, a műszaki tudományok kandidátusa

General geometry of cutting processes with emphasis on  
kinematic conditions. Finommechanika 1 no.12:370-380 D'62.

RUMANIA/Microbiology - Microbes Pathogenic for Man and Animals. F  
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99422

Author : Fazakas, B., Szekely, P.

Inst : -  
Title : Investigation of Shigella and Proteus morganii by  
Laboratory Diagnosis.

Orig Pub : Rev. med. (RPR), 1956, 2, No 2, 32-38

Abstract : No abstract.

Card 1/1

- 82 -

FAZAKAS, B., dr.; BABONITS, Magdalena, dr.; KRESTELY, I., dr.; NICOARA, I. dr.;  
PETER, M., dr.; DOMOKOS, L., dr.; INCZEFFY, Z., dr.; BOERIU, I. dr.;  
KOCSIS, Sofia, dr.

Contribution to the study of the distribution of helminthiasis.  
Microbiologia (Bucur.) 9 no.3:217-223 My-Je '64

1. Lucrare efectuata la Institutul de medicina si farmacie din  
Tirgu-Mures -- Disciplina de parazitologie, Clinica de boli in-  
fectioase si Inspectia Sanitara de stat a R.M.A.M.

SZABO, I., dr.; FAZAKAS, B., dr.; LASZLO, I., dr.; WAGNER, Agneta, dr.

Contributions to the study of the process of immunogenesis in animals treated with extracts of *Ascaris lumbricoides*. Microbiologia (Bucur.) 9 no.3:249-253 My-Je '64

1. Lucrare efectuata la Institutul de medica si farmacie din Targu-Mures Disciplina de fiziologie si Disciplina de paraziologie.

BABONITS, Magdalena; WIENER, F.; FAZAKAS, B.

Influence of Ascaris extracts on lymph nodes. Pt.1. Arch. Roum. path. exp. microbiol. 23 no.4:861-868 D '64.

1. Travail de l'Institut Medico-Pharmaceutique de Tîrgu Mureş,  
Discipline de Parasitologie et de Biologie Medicale, Submitted  
May 18, 1964.

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

736.(184) TREATMENT OF SHAFT PSEUDARTHROSIS - Unsere therapeutischen Massnahmen bei Schaftpseudarthrosen - Fazakas I., Gherman E., Zilahi I., Balint M., Andreeescu P. and Voinea I. Orthop. und Traumatol. Krankenh., Cluj (Rum. Volks-Rep.) - ZBL. CHIR. 1958, 83/15  
(859-866) Illus. 13

In the treatment of shaft pseudarthrosis the sliding bone graft technique is recommended. Consolidation was achieved in 45 (85%) of 53 cases. Recovery was obtained even in suppurative wounds, and also when the operation had to be carried out on infected open fractures.

(IX, 19)

FAZEKAS, I. Gyula

Corticosterone content of peripheral blood and alcohol dehydrogenase activity of the liver following adrenalectomy. Kiserl. Orvostud. 15 no.6:611-616 D '63.

1. Szegedi Orvostudomanyi Egyetem Igazsagugyi Orvostani Intezete.  
(ADRENALECTOMY) (CORTICOSTERONE)  
(ALCOHOL OXIDOREDUCTASES) (BLOOD)  
(CHROMATOGRAPHY) (LIVER ENZYMOLOGY)

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

2950. (798) ALBERS-SCHÖNBERG'S DISEASE - Die Albers-Schönbergsche Krankheit - Fazakas J. and Gherman E. Orthop. Krankenh. Cluj-Klausenburg, Rumäniische Volksrepublik, Cluj, Rumänien - Z. ORTHOP. 1958, 90/3, 260-270) Illus. 10

Report on 4 members of one family who were observed for 7.5 yr. The mother had a localized densification of the bone of the patella. One daughter of the family, 21 yr. of age, showed osteopetrosis with anaemia of a high degree, 2 fractures of the neck of the femur and 2 subtrochanteric fractures, which were caused by minor injuries. Since she had a tooth extracted the patient is suffering from an osteitis of the mandibles. The other 2 sisters did not show any skeletal changes. All 4 patients have a sclerosis of the skin, which was not described up to now in connection with Albers-Schönberg's disease. The sclerosis of the skin cannot be classified in the known dermatological categories. Skin changes of these patients were observed at the age of 5 yr. Aetiology and pathogenesis of the densifying malformations are discussed.

(IX, 14, 19)

*FAZAKAS, P.*

BENYOK - continued

RUMANIA

MD

The Sanepid of the Mures-Hungarian Autonomous Regime.

Bucharest, Istena, Revista de Istena si Sanatate Publica, No 5,  
Vol XI, Sep-Oct 62, pp 451-455.

"Statistical Importance of the Relationship Between Age and the  
Incidence of Helminthiasis."

BOTH, MD, The Sanepid of the Mures-Hungarian Autonomous Regime.

ZSIGMOND, MD, The Sanepid of the Mures-Hungarian Autonomous Regime.

PROLASKA, MD, The Sanepid of the Mures-Hungarian Autonomous Regime.

GYONGKOSSY, MD, The Sanepid of the Mures-Hungarian Autonomous Regime.

JANCSO, MD, The Sanepid of the Mures-Hungarian Autonomous Regime.

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"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

FAZAKAS, Sandor, dr.; JUHASZ, Laszlo, dr.

Transportation management. Kozleked kozl 19 no.38:636-638  
22 S '63.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

FAZAKAS, Sandor, dr., tudomanyos fomunkatars

Correlations between regional planning and transportation development. Mejl tud sz 13 no.11:477-481 N°63

1. Vasuti Tudomanyos Kutato Inteset.

*A-7447-12*

FAZAKAS, S.

Modern principles in the surgery of the lacrimal sac. Szemesset  
No. 1, 1950. p. 43-50

1. Fourth Honved Hospital (Commanding Officer--Lt. Col. Istvan Csizy,  
M. D.), Debrecen.

CWIL 19, 5, Nov., 1950

PATAKAS, Sandor, dr.

Report of ophtalmological fungi examinations on the estate  
Mezchegyes. Nagyegeszegugy 35 no.8:217-220 Aug 54.

1. Bezzamolo a mezchegyesi allami gardazagban vezett szemeszet  
gombavisgalatokrol.

(AGRICULTURE

threshers eyes, fungi in)

(FUNGI

in eyes of threshers)

(EYE, bacteriology

fungi in thresher's eye)

PAZAKAS, Sandor

Ocular fungi in keratomycosis. Szemeszet 91 no.3:124-128 Aug 54

1. A debreceni 4. sz. Honvedkorhas (Korhasparancsnok: Molnar  
Lajos orvosasszados) szemeszeti osztalyanak a kozlemenye (Vezeto:  
Pazakas Sandor az orvostudomanyok kandidatusa)-

(KERATITIS, etiology and pathogenesis,  
fungus dis.)

(FUNGUS DISEASES,  
keratitis)

FAZAKAS, Sandor, az orvostudomanyok kandidatusa.

Congenital defects and mechanism of formation of the lacrimal apparatus. Szemeszet 91 no.4:158-162 Nov 54.

1. A Magyar Nephadsereg Egészségügyi Szolgálatának közleménye.  
(LACRIMAL APPARATUS, abnormalities,  
(ABNORMALITIES,  
lacrimal appar.)

FAZAKAS, Sandor, az orvostudomanyok kandidatusa.

My dacryo- and peridacryocanalicular mycosis cases. Szemeszet 92  
no. 2:49-53 June 55.

(LACRIMAL APPARATUS, dis.  
canalicularis, dacryo & peridacryo, fungal, etiol. & ther.  
(Hun))  
(FUNGI  
causing dacryo- & peridacryocanalicular mycosis (Hun))

FAZAKAS, Sandor; PETRANYI, Gyula

Practical value of heparin clearance test. Magy. belorv. arch.  
9 no.5:141-142 Oct 56.

1. A Debreceni Orvostudomanyi Egyetem II. sz. Belklinikajának  
(Igasgató: Petranyi, Gyula, dr. egyetemi tanár) közleménye.  
(HEPARIN, eff.

clearing of blood lipids in normal persons & in  
arteriosclerosis (Hun))

(LIPIDS, in blood

clearing by heparin in normal persons & in arteriosclerosis  
(Hun))

(ARTERIOSCLEROSIS, blood in

lipids, heparin clearance test, diag. aspects (Hun))

FAZEKAS, Sandor; PETHANYI, Gyula

Practical value of the heparin clearance test. Magy. Tudom.  
Akad. Biol. Orv. Oszt. Kosl. 8 no.1-2:62-64 1957.

1. A Debreceni Orvostudomanyi Egyetem II. Belklinikaja.

(HEPARIN

lipemia clearing factor, evaluation of clearance test  
methods (Egn)

(PLASMA

same)

(LIPASES, in blood

same)

FAZAKAS, S.; KERTESZ, L.; ORBAN, Gy.; PETRANYI, Gy.

Study on the iodine metabolism of the thyroid gland with ionization chamber. Acta med. hung. 11 no.4:405-415 1958.

I. II. innere klinik der medizinischen universitat, debrecen und atom-kernforschungs-institut der ungarischen akademie der Wissenschaften, debrecen.

(IODINE, radioactive

diag. of thyroid dis., measurement of radioiodine uptake by Orban's ionization chamber (Ger))

(THYROID GLAND, dis.

diag. by measurement of radioiodine uptake with Orban's ionization chamber (Ger))

(RADIATION COUNTERS

Orban's ionization chamber (Ger))

FAZAKAS, Sandor, az orvostudomanyok kandidatusa

Hindrances of the drainage of lacrimal ducts. Szemeszet 95 no.3:93-97  
Sept 58.

1. A Hajdu-Bihar megyei Tanacs megyei Korhas (Igazgato foorvos: Manyi  
Geza) Szemeszeti osztalyanak (Foorvos: Fazakas Sandor kandidatus) kozele-  
menye.

(LACRIMAL APPARATUS, dis.  
hindrances of drainage of lacrimal ducts, etiol. & pathogen.  
(Hun))

FAZAKAS, Sandor

Summary report on secondary mycoses complicating diseases of the eyelid edges, conjunctiva and cornea. Szemeszet 95 no.3:128-135 Sept 58.

1. A Hajdu-Bihar megyei Tanaos megyei Korhaz (Igazgato foorvos: Manyi Geza) Szemészeti osztályának (Foorvos: Fazakas Sandor, az orvostudományok kandidátusa) közleménye.

(EYE DISEASES

fungus dis. secondary to other dis. of eyelids, conjunctiva & cornea (Hun))

(FUNGUS DISEASES

eye, secondary to other dis. of eyelids, conjunctiva & cornea (Hun))

FAZAKAS, Sandor dr.; KERTESZ, Laszlo, dr.; PETRANYI, Gyula, dr.

On iodine fluctuation of the thyroid gland. Magy.belorv.arch.  
12 no.5:133-135 0 '59.

1. A Debreceni Orvostudomanyi Egyetem II. sz. Belklinikajának  
(Igazgató: Dr. Petranyi Gyula egyetemi tanár) és az MTA  
Atommagkutató Intézet (Igazgató: dr. Szalay Sándor egyetemi  
tanár) közleménye.

(THYROID GLAND funct tests)  
(IODINE radioactive)

FAZAKAS, S.; KERTESZ, L.; PETRANYI, GY.

On the variations of iodine activity of the thyroid gland.  
Acta med.hung. 14 no.3:287-292 '59.

I. II. Innere Klinik der Medizinischen Universität und  
Atomkernforschungsinstitut der Ungarischen Akademie der  
Wissenschaften, Debrecen.

(IODINE metab.)  
(THYROID GLAND metab.)

FAZAKAS, Sandor, dr.

A case of Kartagener's syndrome. Magy. belorv. arch. 19 no. 5: 129-  
130. o '60.

1. A Debreceni Orvostudomanyi Egyetem II. Belklinikajának (igazgató:  
dr. Petrányi Gyula, egyetemi tanár) közleménye.  
(KARTAGENER TRIAD radiog)

FAZAKAS, Sandor; PETRANYI, Gyula, dr.

Effect of perchlorates on iodine avidity of the thyroid gland. Magy  
belorv. arch. 14 no.1:3-6 '61.

1. A debreceni Orvostudomanyi Egyetem II sz. Belklinikajának (Igazgató:  
Dr. Petranyi Gyula egyetemi tanár) közleménye.

(THYROID GLAND pharmacol)  
(PERCHLORIC ACIDS pharmacol)  
(IODINE metab)

FAZAKAS, Sandor, dr.; NAGY, Gyorgy, dr.

Meprobamate idiosyncrasy. Orv.hetil. 102 no.1:35 1 Ja '61.

1. Debreceni Orvostudomanyi Egyetem, II. Belklinika.  
(MEPROBAMATE toxicol)

FAZAKAS, Sandor, dr.; NAGY, Gyorgy, dr.; PETRANYI, Gyula, dr.

Experience with radioactive phosphorus in the treatment of polycythemia vera. Orv. hetil. 102 no.13:596-599 26 Mr '61.

1. Debreceni Orvostudomanyi Egyetem, II Belklinika.

(PHOSPHORUS radioactive) (POLYCYTHEMIA radiother)

NEMETH, Andras, dr.; GAL, Gyorgy, dr.; FAZAKAS, Sandor, dr.

The role of hypermagnesemia in uremic "toxicosis". Orv. hetil. 102  
no.20:913-917 14 My '61.

1. I sz. Sebeszeti Klinika, Szeged.

(MAGNESIUM blood) (UREMIA blood)

FAZAKAS, Sandor, dr.; PETRANYI, Gyula, dr.

Iodine metabolism in patients with pretibial myxedema. Magy. radiol.  
14 no.4:200-205 Jl '62.

1. A Debreceni Orvostudomanyi Egyetem II. sz. Belklinikajának (igazgató:  
Petranyi Gyula dr. egyetemi tanár) kozleménye.  
(MYXEDEMA metab) (IODINE metab)

FAZAKASH, Shandor [Fazakas, Sandor]; NAD', Derd' [Nagy, Gyorgy]

Idiosyncrasy to meprobamate (andaxin). Klin. med. 40 no.11:  
129-130 N°62 (MIRA 16:12)

1. Iz 2-go terapeuticheskogo otdeleniya Debretsenskogo medi-  
tsinskogo instituta.

[REDACTED]  
SUMMARY

TASSAI, Sandor, Dr., NAVY, Gyorgy, Dr., PELMETS, Csaba, Dr; Medical University of Debrecen, St. Medical Clinic (300 Week Orvostudomanyi Egyetem, II. Belklinika).

"Long-Term Results of the Adrenergic Phenothiazine Therapy of Polycythemia Vera."

Budapest, Orvosi Hetilap, Vol. 104, No. 5, 3 Feb 63, pages 215-216.

Hungarian

[Hungarian Authors' summary] The authors report on the results of PETH treatment of 22 patients with polycythemia vera. Some patients received a single dose of PETH, others repeated doses. The therapeutic effect was in general satisfactory. The average length of remission after the first treatment is 10.8 months.

[? Western & Hungarian references]

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

GAL, Gyorgy, dr.; NEMETH, Andras, dr.; FAZAKAS, Sandor, dr.

Problems of kidney complications following septic (criminal) abortions. Orv. hetil. 104 no.23:1066-1069 9 Je '63.

1. Szegedi Orvostudomanyi Egyetem, I. Sebeszeti Klinika.  
(ABORTION, SEPTIC) (ABORTION, CRIMINAL) (UREMIA) (ANURIA)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

FAZAKAS, Sandor, dr.; PETRANYI, Gyula, dr.

Late results of radioiodine therapy in Basedow's disease.  
Orv. Hetil. 105 no. 10: 932-934 My 17 '64.

1. Debreceni Orvostudomanyi Egyetemi, II. Belklinika.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

GAL, Gyorgy, dr.; FAZAKAS, Sandor, dr.; NEMETH, Andras, dr.

Dialysis in the treatment of barbiturate poisoning. Orv. hetil.  
106 no.26:1211-1213 27 Je'65.

1. Szegedi Orvostudomanyi Egyetem, I. Sebeszeti Klinika (igaz-  
gató: Petri, Gabor, dr.).

FAZAKASH, I.; GERMAN, E.

Albers-Schonberg disease. Khirurgiia, Sofia 10 no.8:682-690 1957.

1. Klush--Rumania.  
(OSTEOPETROSIS, case reports  
Albers-Schonberg dis.)

FAZAKASH, I., prof., GERMAN, doktor

Arthroplasty with the use of wax. Ortop.travn. i protez. 19 no.4  
47-48 Jl-Ag '58  
(MIRA 11:11)

1. Iz Klushskoy (Rumynskaya Narodnaya Respublika) ortopedicheskoy  
i travmatologicheskoy bol'nitsy (zav. sektsiyey - prof. I.Fazakash).  
(JOINTS, surg.)

arthroplasty with wax (Rus)  
(WAXES, ther. use  
same (Rus))

FAZAKASH, I. [Fazakas, I.], prof.; GERMAN, Ye. [Herman, E.];  
ANDREYESCU [Andrescu]

Treatment of diaphyseal pseudarthrosis. Ortop., travm.i protes.  
22 no.4:22-25 Ap '61. (MIRA 14:11)

1. Iz ortopedicheskogo i travmatologicheskogo gospitalya  
(nach. otdeleniya - prof. N. Fazakash) g. Klush, Rumyniya.  
Adres avtorov: Klush, Rumyniya, ul. Dostoyevskogo, d.47,  
Ortopedicheskiy i travmatologicheskiy gospital'.  
(PSEUDARTHROSIS) (BONE GRAFTING)

MARTYNOV, A.F., inzh.; SUMIN, I.P., inzh.; ZOL'NIKOV, V.V., inzh.;  
FAZALOV, G.T., inzh.; MANUNOV, G.D., inzh.

New method of calculating column charges. Varyv. delo  
no.55/12:29-44 '64. (MIRA 17:10)

SINEL'NIKOV, L.M., inzh.; ZOL'NIKOV, V.V., inzh.; FAZALOV, G.P., inzh.;  
MANUNOV, G.D., inzh.

Effect of industrial blasting on the preservation of buildings  
and structures. Shakht. stroi. 8 no.9:16-17 S '64.

(MIRA 17:12)

1. Kombinat ugol'nykh predpriyatiy Kuznetskogo kamennougol'nogo  
basseyyna (for Sinei'nikov, Zol'nikov). 2. Kraenogorskij  
razrez tresta Tomusaugol' (for Fazalov, Manunov).

ZOL'NIKOV, V.V.; YEROFEYEV, V.A.; BODRETSOV, M.V.; FAZALOV, G.T.

Blasting large blocks of rock with continuous and air space  
divided charges at the Krasnogorsk open pit coal mine.  
Vzryv. delo no.55/12:196-200 '64. (MIRA 17:10)

REPIN, N.Ye., dozent, kand. tekhn. nauk; FAZALOV, G.T., gornyy inzh.;  
SAPRYKIN, Ye.F., gornyy inzh.

Experience in the use of BSSh-lm roller bits in open pit mines  
of the southern Kuznetsk Basin. Ugol' 40 no.8:37-39 Ag '65.  
(MIRA 18:8)

1. Kemerovskiy gornyy institut (for Repin). 2. Krasnogorskiy  
ugol'nyy kar'yer (for Fazalov, Saprykin).

GZHESIK, Ya.; LEMPKOVSKI, A.; TURCHIN'SKI, B.; FAZANOVICH, Ya.;  
SHIMCHIK, K.

Comparison of methods for estimating loudness, based on data  
published in 1930-1957; a survey. Akust. zhur. 6 no. 4:419-440  
'60. (MIRA 13:12)

1. Institut meditsiny truda; Meditsinskaya akademiya g. Zabzhe i  
Kafedr akustiki i teorii kolebaniy Universiteta im. Adama Mits-  
kevicha g. Poznan' (Pol'sha).  
(Sound—Measurement)

F. ZANOWICZ, J.

AKUSTYKA. (Uniwersytet im. Adama Mickiewicza w Poznaniu) Poznan. (Papers on acoustics issued by Adam Mickiewicz University in Poznan; with English summaries.)

The problem of a microphone for the measurement of ultrasonic fields in liquids. p. 95.

No. 1, 1957

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3, March 1959  
Unclass.

POLAND/Acoustics - Ultrasonics

J-4

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 23701

Author : Eugenowicz Janina

Inst : Not Given

Title : Microphone for Measurements in Ultrasonic Fields in Liquids

Orig Pub : Zosz. nauk. Uniw. Poznaniu, 1957, No 12, 95-109

Abstract : A detailed analysis is made of the principal relations that describe the action of microphones in liquids and gases. A capacitor microphone was developed, consisting of a steel ball, covered with a layer of bakelite, on which lies a metal film, deposited by evaporation and forming a membrane. For operation in frequencies up to 100kc, the diameter must not exceed 6 mm, and the thickness of the bakelite layer should be 1 mm. For higher frequencies it is necessary to reduce the dimensions still further.

Card : 1/1

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POLAND/Acoustics - Audition and Speech

J.

Abs Jour : Ref Zhur .. Fizika, No 7, 1959, 16391

Author : Fazarowicz, Janina

Inst : Institute of Labor, Medicine, Zabrze-Rokitnica, Poland

Title : Remarks on the Determination of the Audibility Threshold, Part I (Theoretical)

Orig Pub : Prace Komis. mat.-przyrod. Poznan. rowarz. Przyjaciol nauk, 1958, 8, No 2, 25-39

Abstract : Measurements of audibility thresholds, made by various investigators, show discrepancies which sometimes can be ascribed to differences in the definition of the term, connected with the corresponding methods of measurement. The audibility threshold can be considered either starting with the flux of acoustic energy, absorbed by the membrane of the ear, or else from the

Card 1/3

POLAND/Acoustics - Audition and Speech

J.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 16391

flux itself incident on the ear, or else again from the flux of voice energy entering the ear, measured in an undistorted field. Methods of direct measurement of the energy flux of the voice have not been developed; however, it is possible to measure indirectly the sound pressure near a membrane, the effective surface of the membrane, and its impedance. A curve of the audibility threshold makes it possible to determine the energy conditions in the ear only for a known membrane impedance, or, at least, for a known coefficient of absorption. Naturally, the threshold curve obtained by audiometric data does not disclose the actual forces acting on the membrane. Such a representation is possible if one takes into account during the measurements the differences in the attenuation of the sound, introduced by various membranes, and also if the calibration of the telephone is correctly performed. The telephone should be calibrated not

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POLAND/Acoustics - Audition and Speech

J.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 16391

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against an artificial ear, but using the natural ear  
of a healthy person.

Card 3/3

POLAND/Acoustics - Noise

J-3

Abs Jour : Rof Zhur - Fizika, No 1, 1959, No 1754

Author : Frzenowicz J.

Inst : ~~---~~

Title : Acoustic Spectra of Commercial and Mining Noises

Orig Pub : Bull. Soc. amis sci. et lettres Poznan, 1956-1957 (1958), B14,  
87-126

Abstract : An experimental investigation has been carried out using the method of spectral and statistical noise analysis, proposed by Professor Kwick. Twelve commercial and six mining noises have been analyzed. The noises were recorded on phonograph records with the aid of a portable recording apparatus and a calibrated microphone. Spectograms from 40 to 1600 cycles have been obtained. The amplitude of the sound pressure recorded in the form of strips, whose height is proportional to the maximum value of the pressure. The blackening of the strip corresponds to the statistical distribution of the values of the sound pressure of the registered

Card : 1/2

POLAND/Acoustics - Noise

J-3

Abs Jour : Ref Zhur - Fizika, No 1, 1959, № 1754

component. Certain noises were analyzed several times each. By using a sufficiently long analysis time, so that the noise can be considered to be stationary, it is possible to obtain reproducible results.

Author's resume

Card : 2/2

61

FAZARINC, F.

Diabetic angiopathy. Zdrav. vestn. 33 no.3:77-78 '64

l. Interni oddelek splošne bolnišnice Celje (Predstojnik: prim.  
dr. A. Rojnik).

FAZARINC, Franc

Use of thyroid function tests in modern diagnostic practices.  
Zdrav. vestn. 33 no.6:168-171 '64

1. Interni oddelek splošne bolnišnice celje (Predstojnik:  
prim. dr. Alojz Rojnik).

FAZARINC, Z.

"UKD 2 device for directional wireless communication in the decimeter wave range,"  
Elektrotehniski Vestnik, Ljubljana, Vol 22, No 5/6, 1954, p. 153.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

FAZARINC, Z.

Development of domestic production of modern radio relay equipment. p. 89. ELEKTROTEHNISKI VESTNIK. (Institute za elektrisko gospodarstvo Fakulteta za elektrofiznikio in Institut az elektrorueze) Ljubljana. Vol. 24, no. 415, 1956

SOURCE: East Europe Accession Lists (EEAL),  
Library of Congress, Vol. 5, no. 11, Nov. 1956

FAZECAS, Cornel, ing.

Work mechanization in fighting soil erosion of sloping  
arable grounds. Mec electric agric 8 no.6:15-20 N-D '63.

1. Inspectia de stat pentru folosirea fondului funciar.

RUMANIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101203

Author : Popovici, S., Fazecas, V., Racuteanu, M.

Inst : Timisoara Institute of Agronomy

Title : The Effect of the Suckling Period Duration Upon Growth and Development of Piglets Selected for Fattening.

Orig Pub: Annarul lucrar. stiint. Inst. agron. Timisoara, Bucuresti, 1957, 239-248

Abstract: In order to establish the effectiveness of weaning 10-week-old (test) and 6-8 weeks old (controls) piglets, comparative studies were conducted in 1954-1955 on 122 White breed meat piglets (60 control and 62 test piglets). In test piglets, fattening proved to be more

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, RUMANIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Eiol., No. 22, 1958, 101203

profitable. Although sows lost 1-10 kg of weight, their reproduction cycle proceeded normally with a yearly production of 2 litters. During a 14-day period, additional fodder expenditures of 0.4 kg of concentrated feeds per each suckling piglet were balanced within 1 month by increased daily weight gains (these additional weight gains amounted to 55 g daily). -- V.A.  
Kanzyuba

Card 2/2

FAZEK, Gyula, okl. banyamernok

Gravelly grinding in the South African gold mines of the Union Corp. Ltd. Bany lap 94 no.3:174 Mr '61.

(South Africa—Gold mines and mining)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

FAZER, Oyuli

Investigations for reducing ore grinding costs. Bany lap 95 no.12:864  
D '62.

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CIA-RDP86-00513R000412530004-2"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

MOLNAR, J.; FAZEK, Gyula

News. Bany lap 95 no.12:825 D '62.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

FAZEK, Gyula

Interaction between gold mining and uranium production in  
Witwatersrand. Bany lap 96 no.11:831 N '63.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2

FAZEK, Gyula

Undersea coal mining in Japan. Bany lap 96 no.11:831 N '63.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412530004-2"

FAZEK, Gyula, aranydiplomas bányamérnök [deceased] (Budapest)

In commemoration of Mining Engineer Gabor Svaiczer, the first  
Hungarian count-chamberlain in charge of the Selmec mines.  
Bány lap 97 no.11:791-794 N '64.

FALKAS, I., Gyula, FAZEKAS, Attila, T. Medical University of Szeged, Institute of Forensic Medicine (Szegedi Orvostudomanyi Egyetem, Igazsagugyi Orvostani Intezet).

"Paper Chromatographic Demonstration of the Corticosteroid Fractions of Organs of the Guinea Pig."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 2, Apr 66, pages 113-123.

**Abstract:** [Authors' German summary modified] After decapitation, guinea pigs were divided into 5 groups of 8 animals each and the several identical organs of animals in the same group were combined and extracted. Following two runs of chromatography for purification purposes, the organ extracts were chromatographed on a Bush<sub>5</sub> system together with the corresponding corticoid standards. Development of the chromatograms was made with a 9:1 mixture of 2 N NaOH and an 0.1 per cent tetrazolium blue solution. After drying under IR light, the values were evaluated semiquantitatively under UV light. The individual organs contained corticosteroids in different amounts and of varied quality: tetrahydrocortisol, tetrahydrocortisone, cortisol, cortisone, corticosterone as well as compounds not identifiable with the standards with Rf values of 0.06, 0.66 and 0.85. Earlier experiments led to the finding of 11 corticosteroid fractions in rat organs. The results provide exact proof that the different organs and tissues contain stored glycocorticoids and mineral corticoids and that more of them are present in the rat than in the guinea pig organs. 4 Hungarian, 1/1 4 Western references. [Manuscript received 5 Dec 64.]

FAUREAS, A.; STEIEN, L.

Production and supply of spare parts in Poland.

P. 26 (INDUSTRIA USOARA) (Bucuresti, Rumania) Vol. 5, no. 1, Jan. 1958

SO: Monthly Index of EAst European Accessions (EEAI) LC Vol. 7, No. 5. 1958

RUMANIA/Chemical Technology - Chemical Products and Their  
Application. Ceramics. Glass. Binding Materials.  
Concretes.

H-13

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58196  
Author : Fazekas A, Stoyer L.  
Inst :  
Title : The Production of Glass Laboratory Apparatus in the Bu-  
charest "Eprubeta" Plant.  
Orig Pub : Ind. uscara, 1958, 5, No 1, 31-33.  
Abstract : No abstract.

Card 1/1

- 33 -

FAZEKAS, Alexa; HUNN, Nandor.

Hemagglutination inhibition in epidemic hepatitis; preliminary  
note. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:401-404  
July-Dec 1955.

(HEPATITIS INFECTIOUS, diagnosis  
hemagglut. inhib. test)

(HEMAGGLUTINATION  
inhib. test in epidemic hepatitis)

GYEROYAY, Franscisc, assist. prof.; NAGY, Ladislau; FAZEKAS, Andrei

Considerations on the histogenesis of Abrikossov's tumour.  
Rumanian M Rev. no.4:10-13 O-D '60.  
(MYOBLASTOMA)

HUNGARY

FAZEKAS, Arpad, Gy., MAZAREAN, Hortenzia, DOMJAN, Gyula; Medical University of Szeged, Biochemical Institute (Szegedi Orvostudomanyi Egyetem, Biokemiai Intezet).

"The Effect of Hydrocortisone on the Lactic Acid Dehydrogenase Activity in Rats."

Budapest, Kiserletes Orvostudomany, Vol XV, No 5, Oct 63, pages 546-549.

Abstract: [Authors' Hungarian summary] For two weeks, a daily dose of 5 mg hydrocortisone was given to 10 rats. After this period, the LDH activity of the liver, the rectus femoris muscle and the serum has been determined. As the result of hydrocortisone, the activity was increased by 13.5 per cent in the liver, 11 per cent in the rectus femoris muscle, while the serum activity remained unchanged. In vitro addition of hydrocortisone had no effect on the enzymatic activity. The results indicate that part of the large amount of pyruvic acid, that is formed as a result of hydrocortisone administration, is converted to lactic acid. All Western references.

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..... 11

1/1

HUNGARY

FAZEKAS, I., Gyula, FAZEKAS, Attila, T.; Medical University of Szeged, Institute of Forensic Medicine (director: FAZEKAS, I., Gyula, Dr, professor) (Szegedi Orvostudomanyi Egyetem, Igazsagugyi Orvostani Intezet).

"The Corticosteroid Fractions of the Human Brain."

Budapest, Idegggyogyaszati Szemle, Vol XIX, No 4, Apr 66, pages 97-116.

**Abstract:** [Authors' Hungarian summary modified] Samples from 5 cerebral regions each, of 10 patients who died of cardiac arrest, pneumonia or accidents, were extracted 2-9 hours after death and they were paper chromatographed using a Bush 5 system. The following corticosteroids were run as standards: a) tetrahydrocortisol, b) tetrahydrocortisone, c) cortisol, (hydrocortisone), d) cortisone, e) corticosterone, f) 11-dehydrocorticosterone. The cerebral areas studied were: 1) pons and medulla oblongata, 2) cerebellum, 3) basal ganglia at the base of the brain, 4) cerebral cortex, 5) white matter of the cerebrum. I) A total of 11 steroid-like compounds were found 6 of which corresponded to the standards while 5 were not identified. II) These steroids were present in different amounts and quality in the individual areas tested, depending on the cause of death. III) Hydrocortisone and corticosterone were present in the largest amount. The other fractions differed in their number and amounts at different areas. IV) The largest amount and greatest number of fractions were found in patients who died of pneumonia, followed in decreasing order by those who died of cardiac arrest, 1/2

under the influence of alcohol at the time of death. VI) There was no regularity in the location of total steroids in those who died of pneumonia. VII) Among those who died of cardiac arrest or hemorrhage, the amount of steroid found, in decreasing order is the same as above.

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in experiments are needed to elucidate the possible influence of age, sex and the time which elapsed between death and the study on the amount and number of corticosteroid fractions found in various sites of the brain. 11 Hungarian, 26 Western references.

2/2

- 14 -

HUNGARY

FAZEKAS, I., Gyula, FAZEKAS, Attila, T.; Medical University of Szeged, Institute of Forensic Medicine (Szegedi Orvostudomanyi Egyetem, Igazsagugyi Orvostani Intezet).

"Effect of Alcohol on the Corticosteroid Fraction of Rat Organ Tissues."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 359-368.

**Abstract:** [Authors' German summary] One hour after s.c. administration of 0.8 g/100 g alcohol to rats, the total corticosteroid content of the

KULIN, L.; FAZEKAS, A. NIKODEMUSZ, I.

Human toxoplasmosis. Orv. hetil. 93 no.1:20-25 6 Jan 1952. (CIML 23:2)

1. Doctors. 2. Pediatric Clinic (Director -- Prof. Dr. Laszlo Kuln) and Pathophysiological Institute (Director -- Prof. Dr. Lorand Kessyus), Debrecen Medical University.

FAZEKAS, A. ; BIRO, Zs.

"Leptospirosis in the Tiszantul area. p. 270. (NEPEGESZSEGUGY, Vol. 34, no. 10, Oct. 1953)  
Budapest, Hungary

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 4, April, 1954

FAZEKAS, Arpad, dr.

Care of testicular cancer in small infant. Gyermekgyogyaszat 5  
no.5:159-160 May 54.

1. Koslemeny a Berettyoujfalui Jarasi Korhas Gyermekgyogyaszati  
(Torrvos; Dr. Fazekas Arpad) es Sebeszeti Osztalyarol (Torrvos:  
Dr. Mako Istvan korhasigangato)  
(TESTES, neoplasms  
care in inf.)

FAZEKAS, Arpad

Waterhouse-friderichsen syndrome. Orv hetil 95 no.14:390-391  
Ap '54. (HEAL 3:8)

1. A Berettyoujfalui Jarosi Korhaz (igazgató: Mako Istvan dr.)  
Gyermekgyógyászati Osztályának (főorvos: Fazekas Arpad dr.)  
közleménye.

(WATERHOUSE-FRIDERICHSEN SYNDROME)

\*

FAZEKAS, Arpad, dr.,; BIRO, Zsigmond, dr.

Data on leptospirosis. Orv. hetil. 96 no.6:148-150 6 Feb 55.

1. A Berettyoujfalu Jaras Korhas (igazgato: Mako Istvan dr.)  
Gyermekgyogyszati Osztalyanak (főorvos: Fazekas Arpad dr.) es  
a Debreceni Orvostudomanyi Egyetem Kozegeszsegtsani Intezetenek  
(igazgato: Jenei Endre dr. egyetemi tanar az orvostudomanyok  
doktora) koslamente.

(LEPTOSPIROSIS)

EXCERPTA MEDICA Sec.12 Vol.9/10 Ophthalmology Oct55

1615. FAZAKAS A. Debrecen, Ungarn. \*Angeborene Anomalien und Mechanismus des Anfangsteiles des Tränenableitungsapparates. Congenital anomalies and mechanism of the initial portion of the lacrimal duct OPHTHALMOLOGICA(Basel) 1955, 129/2 (99-106) Illus. II  
Descriptions and pictures are given of a few anomalies of the puncta lacrimalia and the lacrimal canaliculi. Attention is drawn to the significance of the crescent-shaped fold and the profile of the internal canthus for the drainage of tears. The treatment of deficient lacrimal drainage by means of operations of the palpebral margin with the object of shifting the abnormally localized lacrimal puncta, in accordance with the conditions of each individual case, is extensively described and illustrated.  
Koch - Trieste

FAZEKAS, Arpad Gy. (Szeged, Belciannisz ter. 8); SEBOK, Janos, (Szeged,  
Belciannisz ter. 8)

Effect of aneurin and aneurin plus thioglycolic acid on the pro-  
duction of ergosterol and the fermentative processes in yeast  
cultures. In German. Acta biol. Hung. 10 no.2:141-150 '59.

(MRAI 9:5)

1. Chemisches und Biochemisches Institut der Medizinischen Universität,  
Szeged.

(Yeast) (Fermentation) (Thiamine) (Mercaptoacetic acid)  
(Ergosterol)

FAZEKAS, Arpad, Gy.

Quantitative paper-chromatographic determination of important decomposition products of cortisol in urine. Kiserletes Orvostud.  
12 no. 2:144-151 Ap '60.

1. Szegedi Orvostudomanyi Egyetem Igazsagugyi Orvostani Intezete.  
(HYDROCORTISONE metab.)

FAZEKAS, Arpad Gy.; FAZEKAS, I.Gyula; RENGEI, Bela

Changes of glutamic-oxalic acid transaminase activity of the blood serum (SGOT) after massive doses of pyramidon. Kiserletes Orvostud. 12 no.5:490-493 O '60.

1. Szegedi Orvostudomanyi Egyetem Igazsagugyi Orvostani Intezete.  
(AMINOPYRINE pharmacol)  
(TRANSAMINASES blood)

KOVACS, Endre; FAZEKAS, Arpad

A simple method for the enlargement of reference spots in paper chromatography. Kiserletes Orvostud, 12 no.6: D '60.

1. Szegedi Orvostudomanyi Egyetem Vegytani es Biokemiai Intezete.  
(CHROMATOGRAPHY)

FAZEKAS, Árpád  
SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees: Dr

(4)

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The State Therapeutic-Pedagogical Institute for Education and Occupational Therapy of Nyiregyháza (A nyiregyházi Állami Gyógypedagógiai Nevelő és Foglalkoztató Intézet)  
Director: (Igazgató) Ottó TARNAI

Source: Budapest, Gyermekekgyógyászat, Vol 12, No 9, Sept 61, pp 286-288  
Data: "The Therapeutic-Pedagogical Significance of the Fölling Syndrom [Oligophrenia Phenylpyruvica]."